

AMENDMENTS TO THE CLAIMS:

Please amend claim 1 as follows:

[cl001] (amended) 1. A dental curing light comprising:  
a primary heat sink suitable for drawing heat away from a semiconductor chip,  
a well on said primary heat sink, said well being configured for mounting of a semiconductor chip therein,  
a light emitting semiconductor device located in said well, and  
a secondary heat sink, said secondary heat sink having a greater internal volume than said primary heat sink, said primary heat sink being mounted to said secondary heat sink, said secondary heat sink having a longitudinal axis;  
wherein said light emitting semiconductor device is oriented so that light emitted from said light emitting semiconductor device is emitted at generally a 30 to 150 degree angle to said secondary heat sink longitudinal axis.

Please cancel claim 3 without prejudice.

Please amend claim 7 as follows:

[cl007] (amended) 7. A dental curing light as recited in ~~claim 3~~ claim 1 wherein said light emitting semiconductor device is oriented so that light emitted from said light emitting semiconductor device is emitted generally orthogonal to said secondary heat sink longitudinal axis.

Please amend claim 8 as follows:

[cl008] (amended) 8. A dental curing light as recited in claim 3 wherein said light emitting semiconductor device is mounted on a mounting platform that is oriented so that light emitted from said light emitting semiconductor device is emitted at generally a 30 to 150 degree

angle to said secondary heat sink longitudinal axis.

Please amend claim 9 as follows:

[cl009] (amended) 9. A dental curing light as recited in ~~claim 3~~ claim 1 wherein said light emitting semiconductor device is mounted on a mounting platform that is oriented so that light emitted from said light emitting semiconductor device is emitted at generally a 45 to 135 degree angle to said secondary heat sink longitudinal axis.

Please add new claim 21 as follows:

[cl021] (newly presented) 21. A dental curing light comprising:  
an elongate secondary heat sink having a longitudinal axis, and  
a primary heat sink in heat conduction with said secondary heat sink,  
a light emitting semiconductor chip mounted on said primary heat,  
wherein said light emitting semiconductor chip is oriented so that light emitted from it is emitted at generally a 30 to 150 degree angle to said secondary heat sink longitudinal axis.

Please add new claim 22 as follows:

[cl022] (newly presented) 22. A dental curing light comprising:  
a heat sink having a longitudinal axis, and  
a light emitting semiconductor chip mounted in heat conductivity with said heat sink,  
wherein said light emitting semiconductor chip is oriented so that light emitted from it is emitted at generally a 30 to 150 degree angle to said secondary heat sink longitudinal axis.

Please add new claim 23 as follows:

[cl023] (newly presented) 23. A dental curing light comprising:  
a heat sink having a longitudinal axis, and

a light emitting semiconductor chip mounted in heat conductivity with said heat sink, wherein said light emitting semiconductor chip is oriented so that light emitted from it is emitted at generally a 45 to 135 degree angle to said secondary heat sink longitudinal axis.

Please add new claim 24 as follows:

[cl024] (newly presented) 24. A dental curing light comprising:  
a heat sink having a longitudinal axis, and  
a light emitting semiconductor chip mounted in heat conductivity with said heat sink, wherein said light emitting semiconductor chip is oriented so that light emitted from it is emitted in a direction orthogonal to said secondary heat sink longitudinal axis.

Listing of Claims:

Claim 1 (amended)

Claim 2 (original)

Claim 3 (cancelled)

Claims 4-6 (original)

Claim 7-9 (amended)

Claims 10-20 (original)

Claims 21-24 (newly presented)